

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) & 1.97(c))

Docket No.  
**IDIP:101AUS**

In Re Application Of: **Alireza Shams**

APR 12 2004  
PATENT & TRADEMARK OFFICE

Serial No.  
**10/721,149**

Filing Date  
**November 25, 2003**

Examiner  
**n/a**

Group Art Unit  
**3617**

Title: **SENSOR FOR RAIL SWITCH POSITION**

Address to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☐ the fee set forth in 37 CFR 1.17(p).

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3617

**SENSOR FOR RAIL SWITCH POSITION**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account **50-0822**  
as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.

**Certificate of Transmission by Facsimile\***

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. \_\_\_\_\_) on \_\_\_\_\_

(Date)

Signature

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**Certificate of Mailing by First Class Mail**

I certify that this document and fee is being deposited on **April 9, 2004** with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Michael L. Dunn

Typed or Printed Name of Person Mailing Certificate

**\*This certificate may only be used if paying by deposit account.**

Signature

Dated: April 9, 2004

Michael L. Dunn, Reg. No. 25330  
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CC:



**U.S. UTILITY PATENT APPLICATION  
ATTORNEY DOCKET NO. IDIP:101AUS**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the Matter of United States Patent Application:

Applicant(s): Alireza Shams

Examiner: N/A

Application No.: 10/721,149


Art Unit: 3617

Filed: November 25, 2003

For: SENSOR FOR RAIL SWITCH POSITION

**Certificate of Mailing by First Class Mail**

I certify that this Information Disclosure Statement is being deposited on April 9, 2004 with the U.S. Postal Service as first class mail under 37 C.F.R. §1.8 and is addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

  
Michael L. Dunn, Reg. No. 25330

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Honorable Sir:

This Information Disclosure Statement is submitted in compliance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98.

Record is attached of published art for consideration during prosecution of the above-identified patent application. No representation is made or intended that a search has been made or, if made, was complete, or that no more pertinent art than that listed is available. It is

expected that the Patent and Trademark Office will conduct an independent search for relevant prior art.

Unless otherwise indicated, or unless references cited are U.S. patents or patent application publications, a full text copy of the entire reference of published art is attached. Where specifically indicated, an equivalent English language patent or publication is attached in lieu of the translation.

In accordance with the Patent and Trademark Office Notice of August 15, 1980, also enclosed is a completed Form PTO-A820 (Form PTO-1449).

**Please consider the following published art:**

**U.S. Patent No. Re 30,012 5/29/1979**  
**U.S. Patent No. 3,697,745 10/10/1972**  
**U.S. Patent No. 3,941,338 3/2/1976**  
**U.S. Patent No. 4,283,031 8/11/1981**  
**U.S. Patent No. 4,524,932 6/25/1985**  
**U.S. Patent No. 5,333,820 8/2/1994**  
**U.S. Patent No. 5,628,479 5/13/1997**  
**U.S. Patent No. 5,395,078 3/7/1995**  
**U.S. Patent No. 5,806,809 9/15/1998**  
**U.S. Patent No. 6,427,949 8/6/2002**  
**U.S. Patent No. 4,637,579 1/20/1987**  
**U.S. Patent No. 5,116,006 5/26/1992**  
**U.S. Patent No. 5,348,257 9/20/1994**  
**U.S. Patent No. 5,192,038 3/9/1993**  
**U.S. Patent No. 3,721,821 3/20/1973**  
**U.S. Patent No. 6,371,417 4/16/2002**

**French Patent No. 2494655**

**11/27/1980**

**European Patent No. 0002609**

**6/27/1979**

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael L. Dunn", with a long horizontal flourish extending to the right.

Michael L. Dunn

Registration No. 25330

CUSTOMER NO. 24041

Simpson & Simpson, PLLC

5555 Main Street

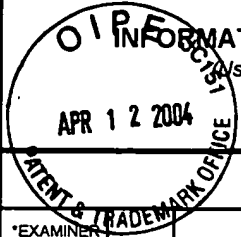
Williamsville, NY 14221-5406

Telephone No. 716-626-1564

Dated: April 9, 2004

MLD/MJK

Enclosures (2)

 <p><b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)</p>				ATTY DOCKET NO. <b>IDIP:101AUS</b>		SERIAL NO. <b>10/721,149</b>	
				APPLICANT(S) <b>Alireza Shams</b>			
				FILING DATE <b>November 25, 2003</b>		GROUP <b>3617</b>	
<b>U.S. PATENT DOCUMENTS</b>							
*	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		Re 30,012	5/29/1979	Wilkas et al.	266	246	
		3,697,745	10/10/1972	Bolton	246	249	
		3,941,338	3/2/1976	Knudsen	246	247	
		4,283,031	8/11/1981	Finch	246	128	
		4,524,932	6/25/1985	Bodziak	246	247	
		5,333,820	8/2/1994	Gilcher	246	249	
		5,628,479	5/13/1997	Ballinger	246	249	
		5,395,078	3/7/1995	Gellender	246	249	
		5,806,809	9/15/1998	Danner	246	220	
		6,427,949	8/6/2002	Hager	246	220	
		4,637,579	1/20/1987	Hartung	246	452	
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
		2494655	11/27/1980	France	B61L1	08	✓
		0002609	6/27/1979	Europe	B61L29	28	
<b>OTHER DOCUMENTS    (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			
<p><small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small></p>							

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	5,116,006	5/26/1992	Ocampo	246	220	
	5,348,257	9/20/1994	Ocampo	246	220	
	5,192,038	3/9/1993	Ocampo	246	220	
	3,721,821	3/20/1973	Blanyer	246	249	
	6,371,417	4/16/2002	Southon	246	247	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

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